REMARKS

Claims 1-8, 10-12, 14-35 and 37-41 are pending.

Allowable Subject Matter

The Office Action indicated that former claims 9, 12, 18, 28, 29, 36 and 41 were objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent from including all of the limitations of the base claim and any intervening claims.

Claim 1 has been amended to include the subject matter of its formerly dependent claim 9. Claim 9 has been cancelled. Therefore, claim 1 and its dependent claims 6 and 7 are in condition for allowance.

Claim 12 has been placed in independent form including the limitations of claim 1 from which it depended. Claims 2-5, 8, 10-11, 24-27 and 29 now depend from claim 12. Claims 2-5, 8, 10-12, 24-27 and 29 are in condition for allowance.

Claim 18 has been placed in independent form including the limitations of claims 1 and 13 from which it depended. Claim 13 has been cancelled. Claims 14-17 and 19-23 now depend from claim 18. Claims 14-23 are in condition for allowance.

Claim 28 has been placed in independent form including the limitations of claim 1 from which it depended. Claim 28 is in condition for allowance.

Claim 30 has been amended to include the subject matter of claim 12; therefore, claim 30 is in condition for allowance.

Claim 31 has been amended to include the subject matter of claim 12; therefore, claim 31 is in condition for allowance.

Claim 32 has been amended to include the subject matter of its formerly dependent claim 36. Claim 36 has been cancelled. Claims 33-35, and 37-40 depend from claim 32. Claims 32-35, and 37-40 are in condition for allowance.

Claim 41 has been placed in independent form including the limitations of claim 32 from which it depended. Claim 41 is in condition for allowance.

Conclusion

In light of the amendments presented above, pending claims 1-8, 10-12, 14-35 and 37-41 are in condition for allowance, and applicants respectfully request a notice of allowance.

Date: Aug. 30, 2007

Respectfully Submitted on Behalf of Applicants Norman Paul Jouppi et al.

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CERTIFICATE UNDER 37 C.F.R. 1.8:

The undersigned hereby certifies that this paper or papers, as described herein, are being deposited in the United States Postal Service, as first class mail, in an envelope address to: Mail Stop After Final, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 30th day of August, 2007.

Name: Fileen A Lehmann

Date